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MISSISSIPPI STATE DEPARTMENT OF HEALTH

**BUREAU OF PUBLIC WATER SUPPLY**

**CALENDAR YEAR 2009 CONSUMER CONFIDENCE REPORT  
CERTIFICATION FORM**

NAVAL AIR STATION MERIDIAN  
Public Water Supply Name

0380026  
List PWS ID #s for all Water Systems Covered by this CCR

The Federal Safe Drinking Water Act requires each **community** public water system to develop and distribute a consumer confidence report (CCR) to its customers each year. Depending on the population served by the public water system, this CCR must be mailed to the customers, published in a newspaper of local circulation, or provided to the customers upon request.

**Please Answer the Following Questions Regarding the Consumer Confidence Report**

Customers were informed of availability of CCR by: *(Attach copy of publication, water bill or other)*

- Advertisement in local paper  
 On water bills  
 Other \_\_\_\_\_

Date customers were informed: 6/24/2010

CCR was distributed by mail or other direct delivery. Specify other direct delivery methods:

Date Mailed/Distributed:  / /

CCR was published in local newspaper. *(Attach copy of published CCR or proof of publication)*

Name of Newspaper: MERIDIAN STAR - SKYLINE

Date Published: 6/24/2010

CCR was posted in public places. *(Attach list of locations)* HOUSING OFFICE & WATER PLANT

Date Posted: 6/18/2010

CCR was posted on a publicly accessible internet site at the address: www. \_\_\_\_\_

**CERTIFICATION**

I hereby certify that a consumer confidence report (CCR) has been distributed to the customers of this public water system in the form and manner identified above. I further certify that the information included in this CCR is true and correct and is consistent with the water quality monitoring data provided to the public water system officials by the Mississippi State Department of Health, Bureau of Public Water Supply.

Samuel Lee, CCR, CCR, CCR  
Name/Title (President, Mayor, Owner, etc.)

6/15/2010  
Date

Mail Completed Form to: Bureau of Public Water Supply/P.O. Box 1700/Jackson, MS 39215  
Phone: 601-576-7518



# Annual Drinking "Water Quality Report

## Naval Air Station Meridian, Ms.

### MSVH PI-VS IV # 0380026

### June 01, 2010

We're pleased to present to you this year's Annual Water Quality Report. This report is designed to inform you about the quality water and services we deliver to you every day. Our constant goal is to provide you with a safe and dependable supply of drinking water. We want you to understand the efforts we make to continually improve the water treatment process and protect our water resources. We are committed to ensuring the quality of your water. Our water source is from the Wilcox Aquifer.

Our source water assessment has been conducted and is available at this time, and copies of this assessment are available at our office. If you have any questions about this report or concerning your water utility, please contact Mr. Robert Whitlock at 601-679-2151 0700-1600 Monday thru Friday. We want our valued customers to be informed about their water utility. If you want to learn more, please call to schedule a meeting at the NAS Meridian Water Plant.

Mississippi State Department of Health and the Certified Operators of NAS Meridian routinely monitor for 86 constituents in your drinking water according to Federal and State laws. This table can pick up substances or contaminants such as microbes, inorganic and organic chemicals, and radioactive substances. All drinking water, including bottled drinking water, may be reasonably expected to contain at least small amounts of some constituents. It's important to remember that the presence of these constituents does not necessarily pose a health risk.

In this table you will find many terms and abbreviations you might not be familiar with. To help you better understand these terms we've provided the following definitions:

- Non-Detects (ND)** - laboratory analysis indicates that the constituent is not present.
- Parts per million (ppm) or Milligrams per liter (mg/l)** - one part per million corresponds to one minute in two years or a single penny in \$10,000.
- Parts per billion (ppb) or Micrograms per liter** - one part per billion corresponds to one minute in 2,000 years, or a single penny in \$10,000,000.
- Picocuries per liter (pCi/L)** - picocuries per liter is a measure of tile radioactivity in water.
- Millirems per year (mrem/yr)** - measure of radiation absorbed by the body.
- Action Level** - the concentration of a contaminant which, if exceeded, triggers treatment or other requirements which a water system must follow.
- Treatment Technique (TT)** - A treatment technique is a required process intended to reduce the level of a contaminant in drinking water.
- Maximum Contaminant Level** - The "Maximum Allowed" (MCL) is the highest level of a contaminant that is allowed in drinking water. MCL's are set as close to the feasible using the best available treatment technology.
- Maximum Contaminant Level Goal** - The "Goal" (MCW) is the level of a contaminant in drinking water below which there is no known expected risk to health. Mew's allow for a margin of safety.

TEST RESULTS									
Contaminant	Violation Y/N	Date Collected	Level Detected	Range of Detects or # of Samples Exceeding MCL/ACL		Unit Measurement	MCLG	MCL	Likely Source of Contamination
<b>Disinfectant By-product</b>									
			<b>AVERAGE</b>	<b>LOW</b>	<b>HIGH</b>				
Chlorine	N	1 Jan. 2009-31 Dec. 2009	1.4	0.6	2.1	PPM	NONE	4.0	Water additive used to control microbes
<b>Microbiological Contaminants</b>									
1. Total Coliform Bacteria	N	7/2007	N/A	1		PA	0	presence of coliform bacteria in 5% of monthly samples	Naturally present in the environment
<b>Radioactive Contaminants</b>									
5. Alpha emitters	N	11/01	1.0	0		PCl/l	0	15	Erosion of natural deposits
<b>Inorganic Contaminants</b>									
10. Barium	N	2/03/09	0.041804	0		Ppm	2	2	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits
13. Chromium	N	2/03/09	.0005	0		Ppm	100	0.1	Discharge from steel and pulp mills; erosion of natural deposits
14. Copper	N	08/2007	0.1	0		Mg/l		AL=1.3 mg/l	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives
17. Lead	N	08/2007	-0.002	0		Mg/l	0	AL=015 mg/l	Corrosion of household plumbing systems; erosion of natural deposits

#### Additional Information for Lead

If present, elevated levels of lead can cause serious health problems, especially for pregnant women and young children. Lead in drinking water is primarily from materials and components associated with service lines and home plumbing. Naval Air Station Meridian Water Department is responsible for providing high quality drinking water, but cannot control the variety of materials used in plumbing components. When your water has been sitting for several hours, you can minimize the potential for lead exposure by flushing your tap for 30 seconds to 2 minutes before using water for drinking or cooking. If you are concerned about lead in your water, you may wish to have your water tested. Information on lead in drinking water, testing methods, and steps you can take to minimize exposure is available from the Safe Drinking Water Hotline or at <http://www.epa.gov/safewater/lead>. The Mississippi State Department of Health Public Health Laboratory offers lead testing for \$10 per sample. Please contact 601-576-7582 if you wish to have your water tested.

All sources of drinking water are subject to potential contamination by substances that are naturally occurring or man made. These substances can be microbes, inorganic or organic chemicals and drinking water than the general population. Immuno-compromised persons such as persons with cancer undergoing chemotherapy, persons who have undergone organ transplants, people with HIV/AIDS or other immune system disorders, some elderly, and infants can be particularly at risk from infections. These people should seek advice about drinking water from their health care providers. EPA/CDC guidelines on appropriate means to lessen the risk of infection by cryptosporidium and other microbiological contaminants are available from the Safe Drinking Water Hotline (800-426-4791).

Please call our office if you have questions. Public Works Officer (601) 679-2940 or Robert Whitlock, Maintenance Supervisor (601) 679-2151. We ask that all our customers help us protect our water sources, which are the heart of our community, our way of life and our children's future.

In accordance with the Radionuclides Rule, all community public water supplies were required to sample quarterly for radionuclides beginning January 2007-December 2007. Your public water supply completed sampling by the scheduled deadline; however, during an audit of Mississippi State Department of Health Radiological Health Laboratory, the Environmental Protection Agency (EPA) suspended analyses and reporting of radiological compliance samples and results until further notice. Although this was not the result of inaction by the public water supply, MSDH was required to issue a violation. The Bureau of Public Water Supply is taking action to resolve this issue as quickly as possible. If you have any questions, please contact Melissa Parker, Deputy Director, Bureau of Public Water Supply, at 601-576-7518.

Beginning January 1, 2004, the Mississippi State Department of Health (MSDH) required public water systems to use chlorine as a primary disinfectant to monitor/test for chlorine residuals as required by Stage 1 Disinfection By-Products Rule. The Naval Air Station Meridian Water System has maintained a 1.3 running annual average chlorine residual for a time period of 1 January 2009 - 31 December 2009.

Sincerely,  
LCMDR Lance Coe  
Public Works Officer